



United States Steel Corporation  
Clairton Works  
400 State Street  
Clairton, PA 15025

42-003-00032  
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CLAIRTON WORKS  
PA 15025

December 19, 2014

Ms. Gail Eddings  
Allegheny County Health Department  
Department of Air Quality  
301 Thirty-Ninth Street  
Pittsburgh, PA 15201

Subject: USS Reference Number: 14-0369  
ACHD Reference Number: 18001  
600 Carbonate Plant  
USS Clairton Works

Dear Gail Eddings,

The attached form confirms our verbal report of the subject incident and satisfies the requirements of paragraph IV.8 of the Title V operating permit #0052 as issued on March 27th 2012.

I certify that based on the information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete. Any questions concerning this matter should be referred to Coleen M. Davis at 412-233-1015.

Sincerely,

Thomas E. Schumacher  
Plant Manager  
Clairton Works

CC: James W. Hagedorn (USEPA)

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NOTICE OF OUTAGE OF EQUIPMENT  
ARTICLE XXI - SECTION 2108.1

1. USS Reference Number: 14-0369  
ACHD Reference Number: 18001
2. Date & Time of Breakdown: Date: 12/18/14 Time: 1415 hours
3. Company Name: U.S. Steel Corporation - USS Clairton Works
4. Specific Equipment Involved or Affected: 600 Carbonate Plant
5. BAPC Permit Number (if applicable):
6. Location: Clairton, PA
7. Nature and cause of breakdown: The 600 Carbonate Plant was unavailable for service to repair a leak at the lean solution pump.  
  
The 600 Carbonate Unit is a redundant piece of equipment. Gas processing for sulfur removal was handled by the 100 Carbonate Unit. Sulfur Plant performance was not affected. Sulfur emissions will not increase.
8. Identification of Emissions:
  - A. Type(s) (CO, NOX, SO<sub>2</sub>, Particulates, Hydrocarbons, etc.)  
The 100 Carbonate Plant carried the full acid gas flow to the plant. No environmental impact is expected.
  - B. Toxic qualities of each type (including its qualities as an irritant, and its potential for causing illness, disability, or mortality). N/A. No environmental impact is expected
  - C. Amount of each type emitted (or likely to be emitted).  
N/A.
9. Measures taken (or to be taken) to minimize length of breakdown and amount of emissions, including shutdown or curtailment (or why it is impossible or impractical to do so).  
The 100 Carbonate Plant carried the full acid gas flow to the plant.
10. Facility back in operation - Date: 12/18/14 Time: 1650 hours

Reviewed by Coleen M. Davis Date 12-19-14  
Coleen M. Davis  
Senior Environmental Control Engineer Phone: 412-233-1015